

10022671.12001

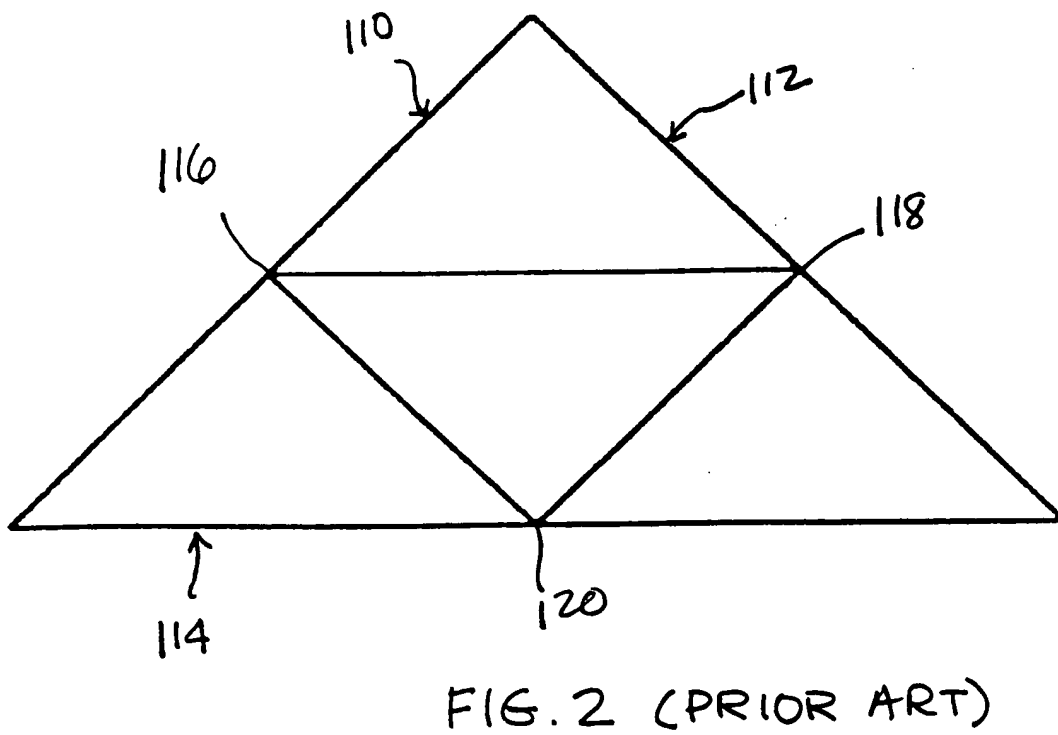
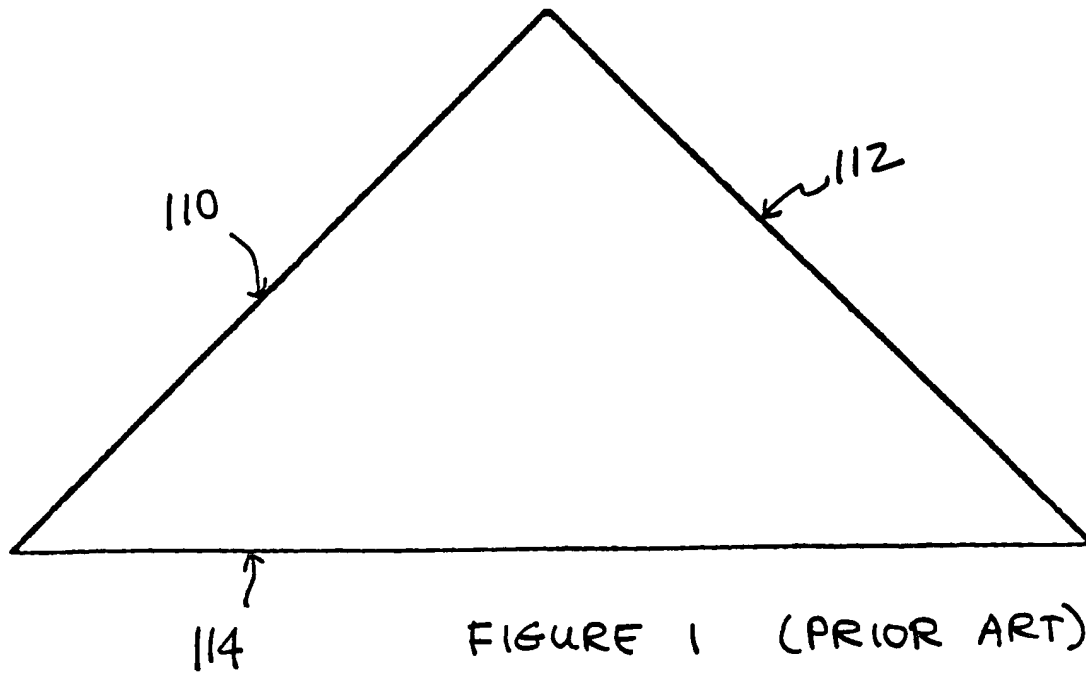


FIG. 3 (PRIOR ART)

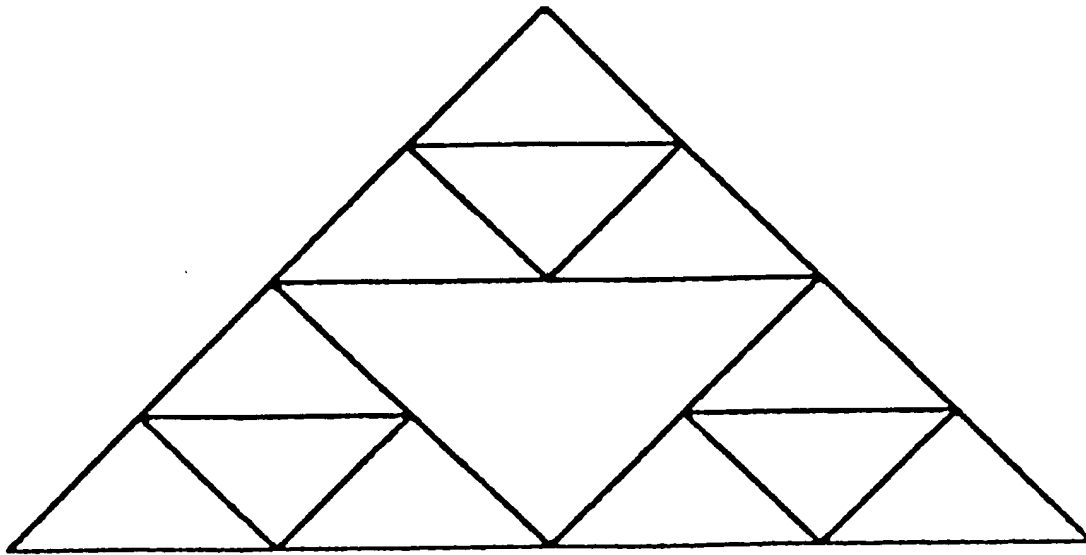


FIG. 3 (PRIOR ART)

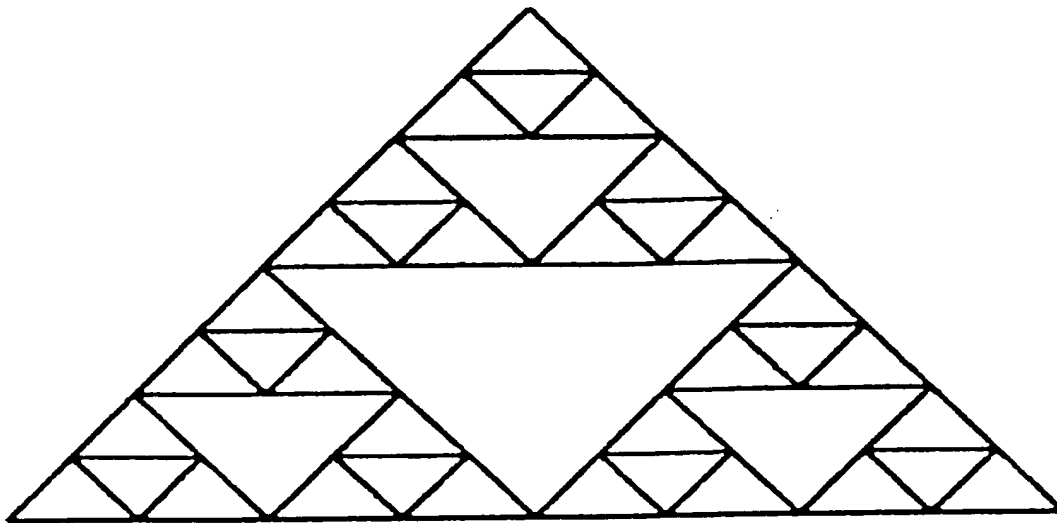


FIG. 4 (PRIOR ART)

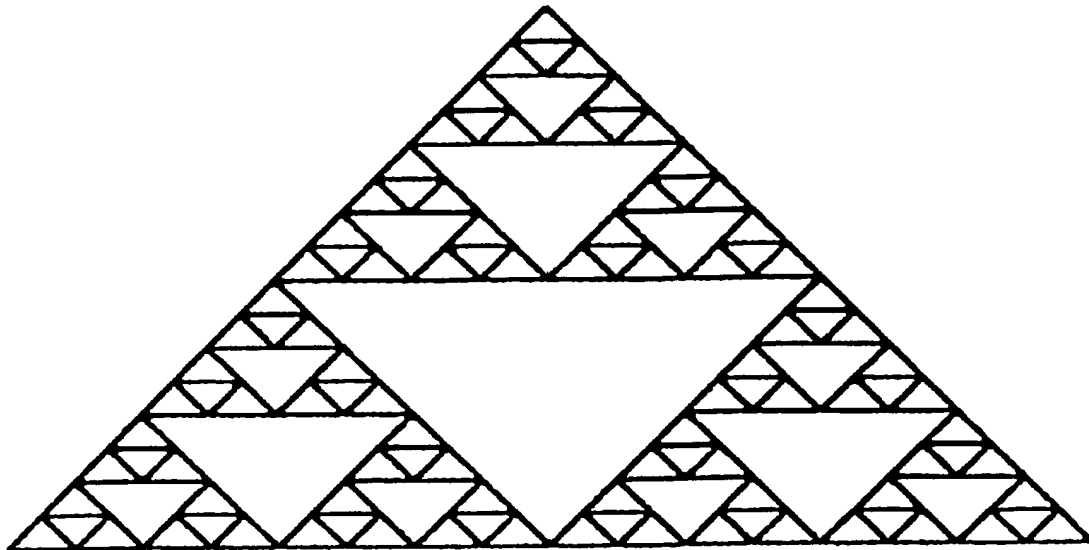


FIG. 5 (PRIOR ART)

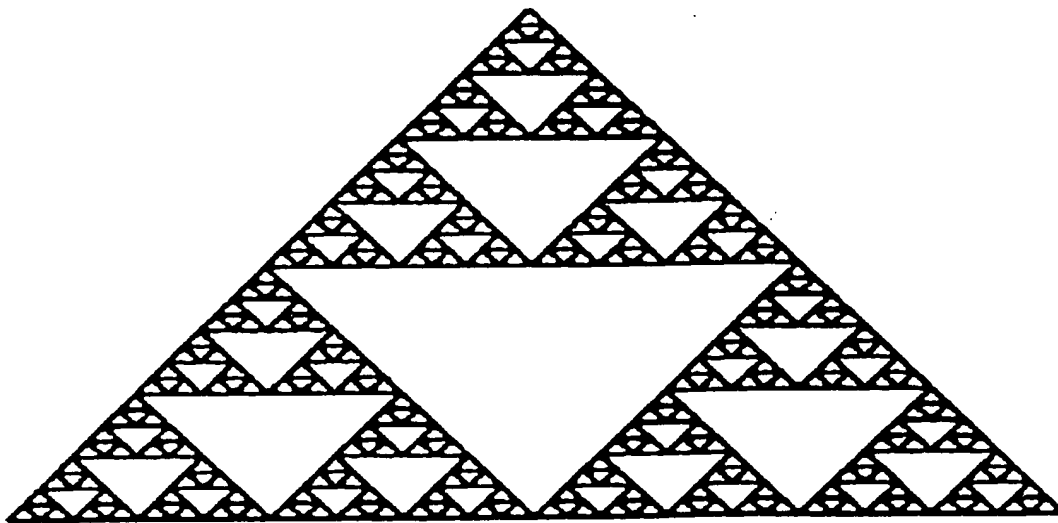


FIG. 6 (PRIOR ART)

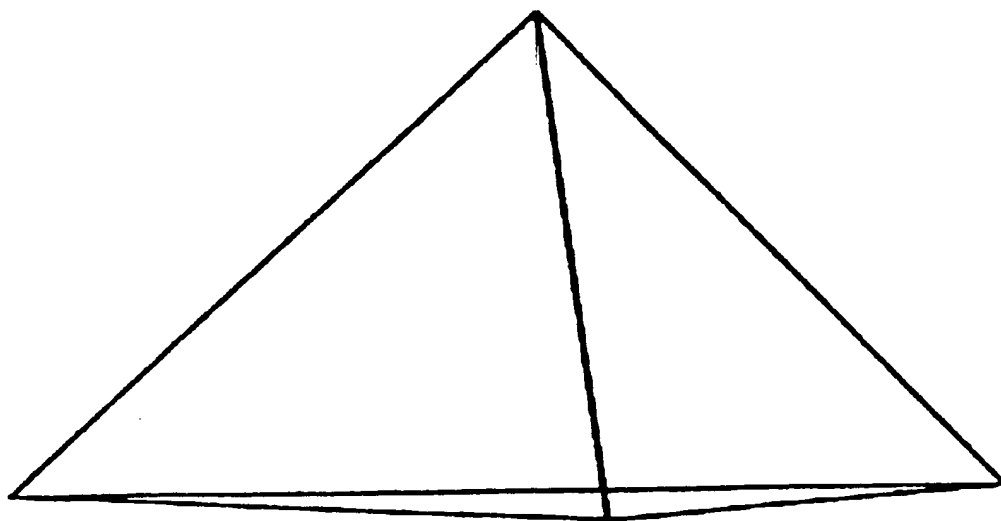


FIG. 7 (PRIOR ART)

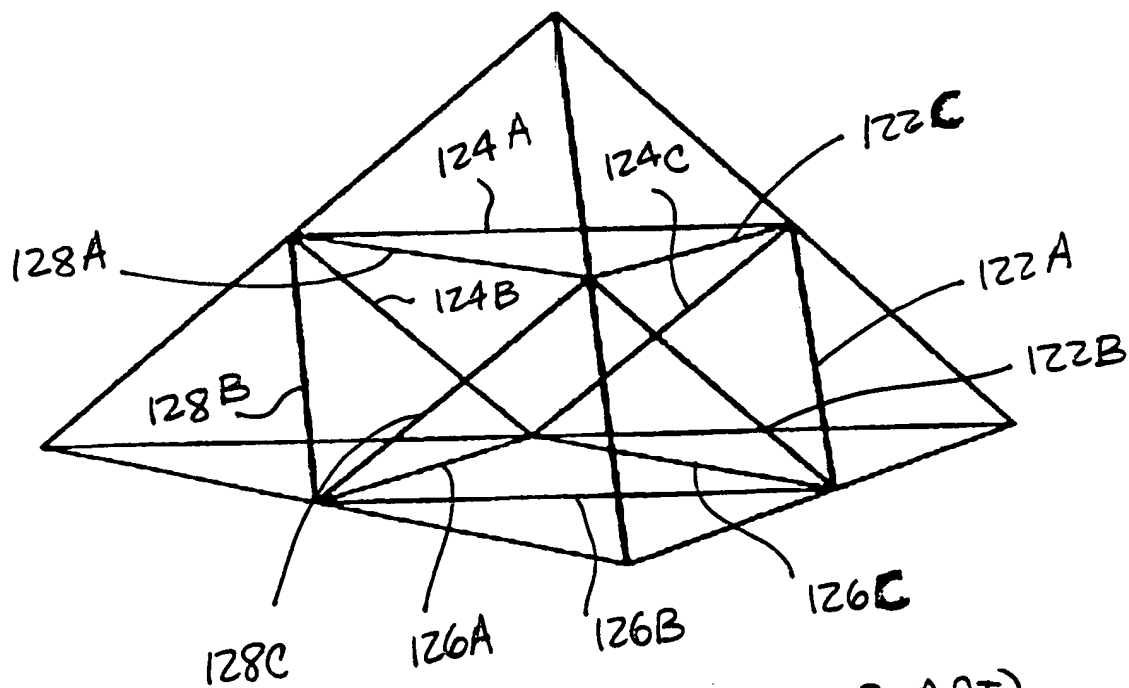


FIG. 8 (PRIOR ART)

10022874.122001

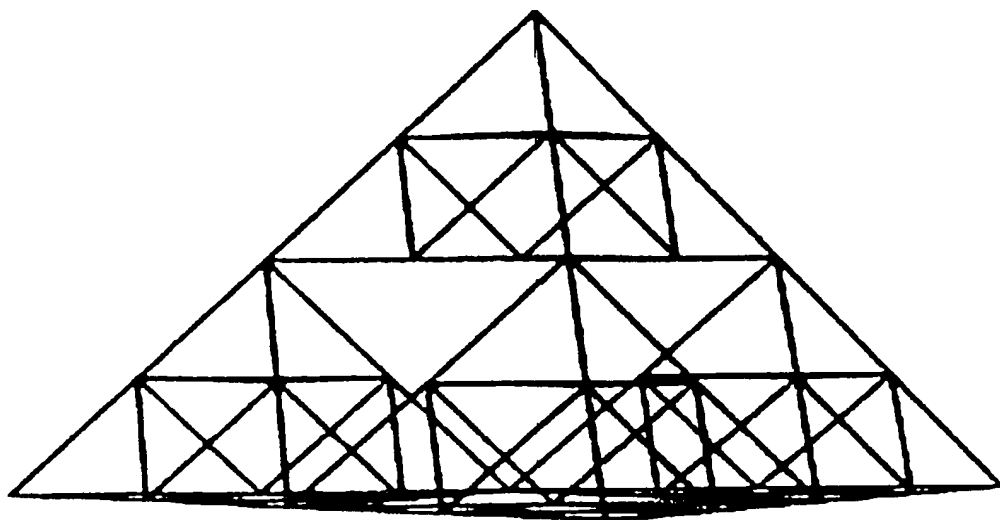


FIG. 9 (PRIOR ART)

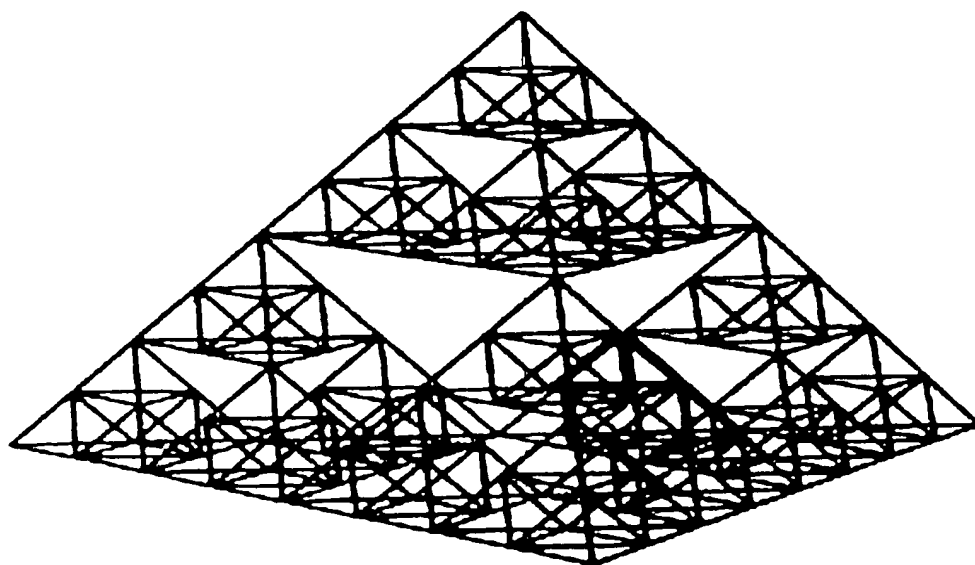


FIG. 10 (PRIOR ART)

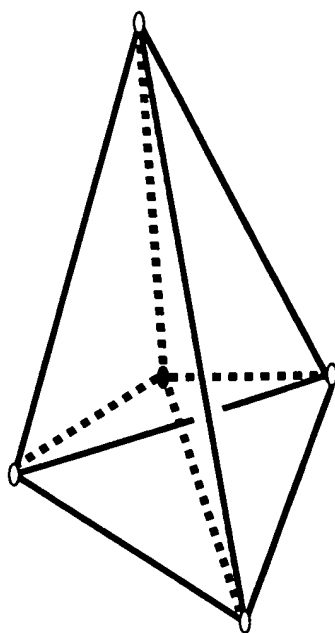


FIG. 10A
(PRIOR ART)

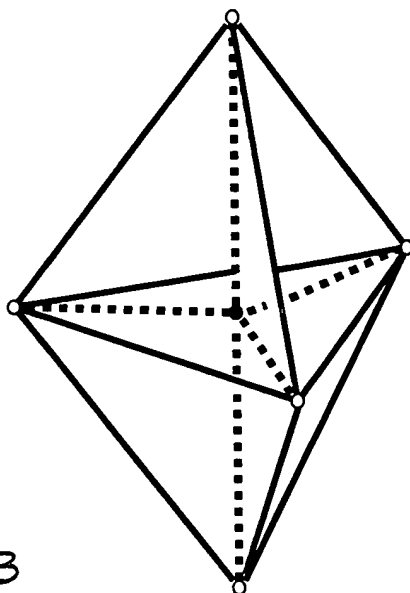
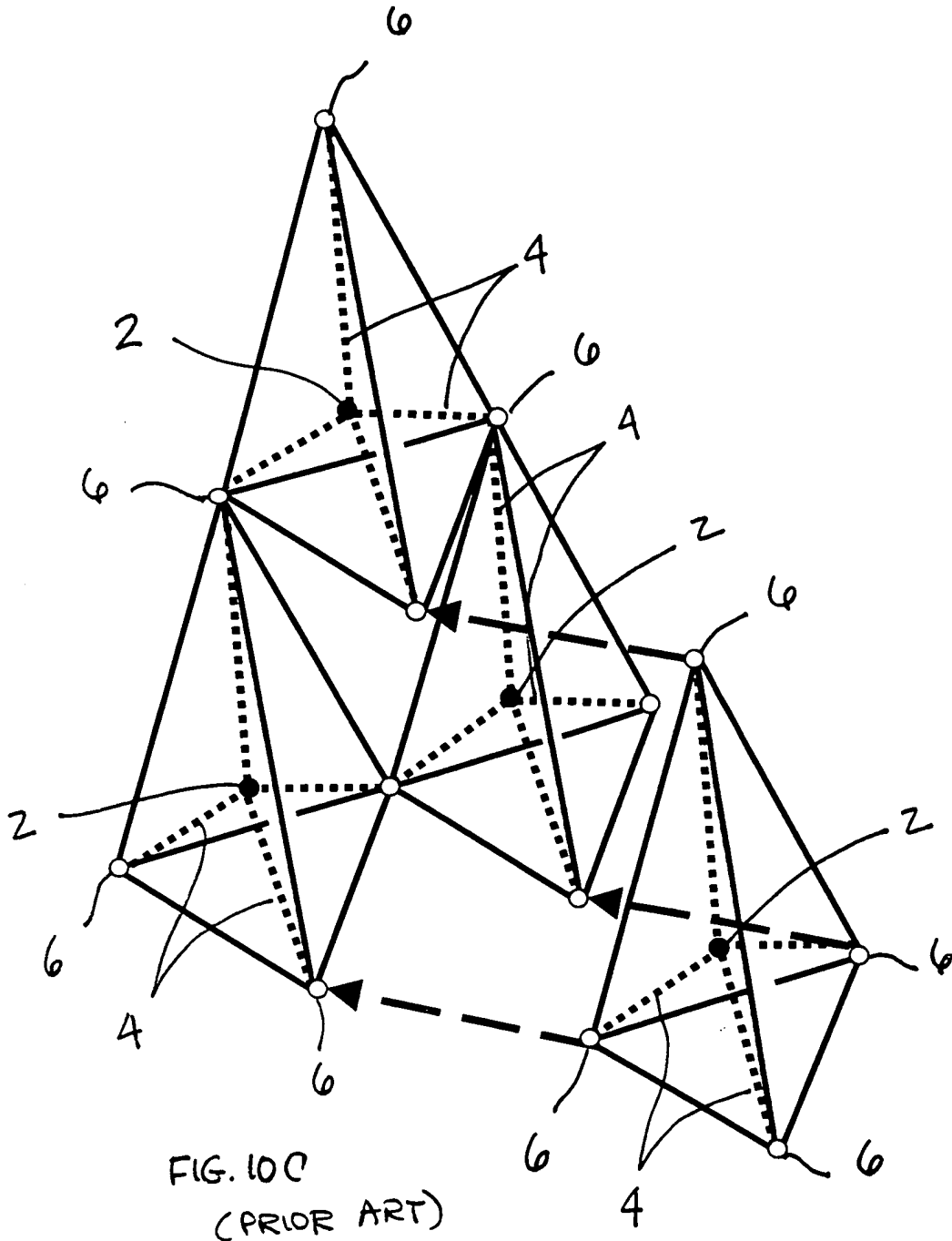


FIG. 10B
(PRIOR ART)



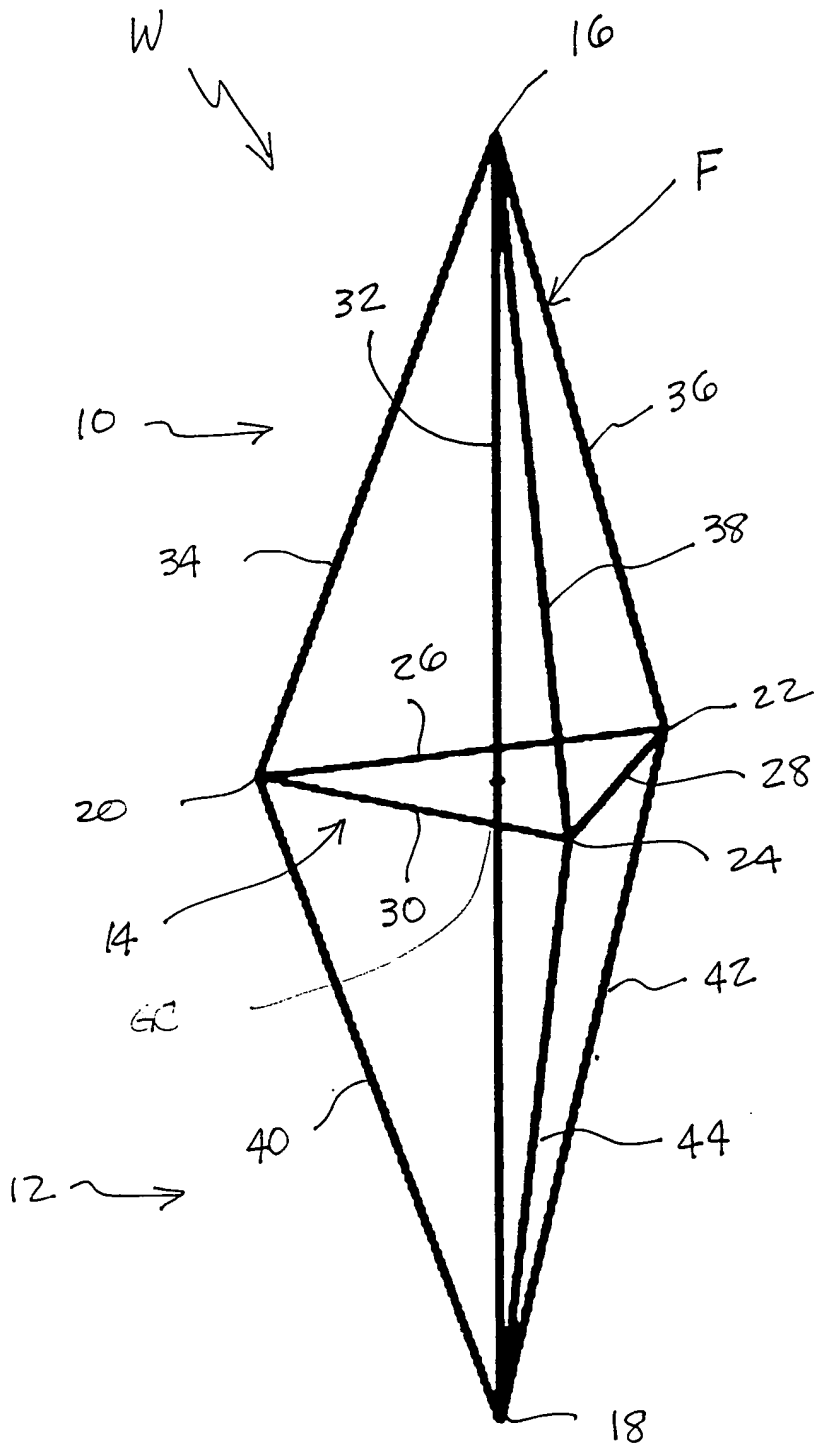


FIGURE 11

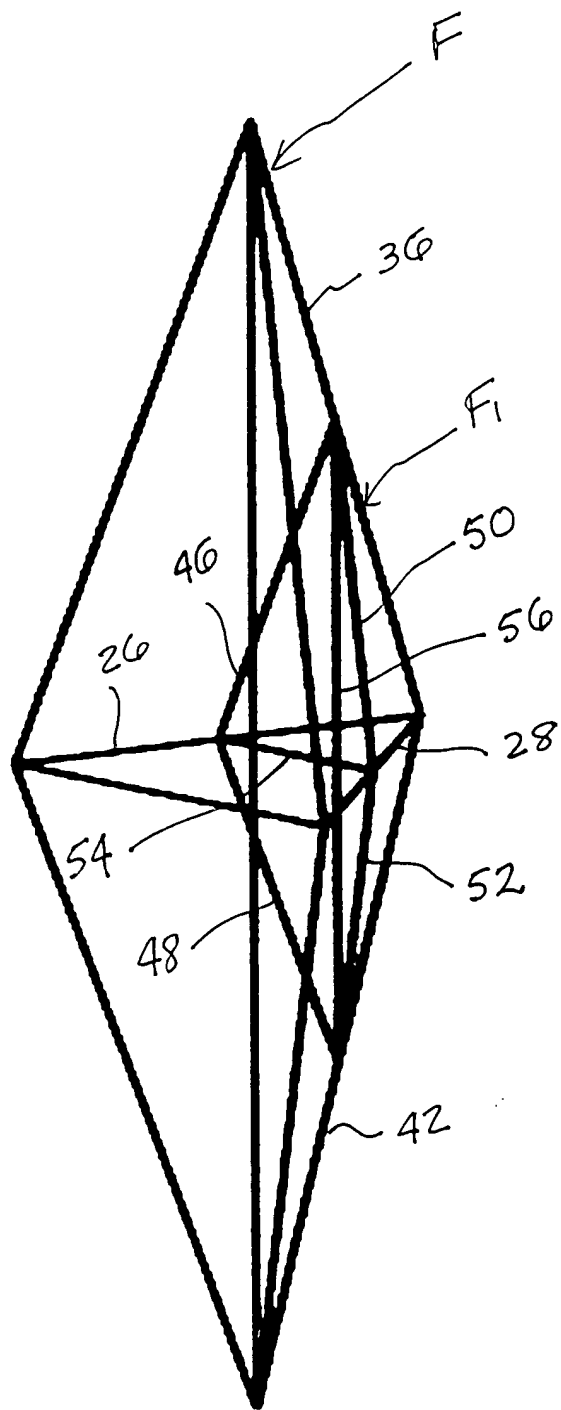


FIG. 12

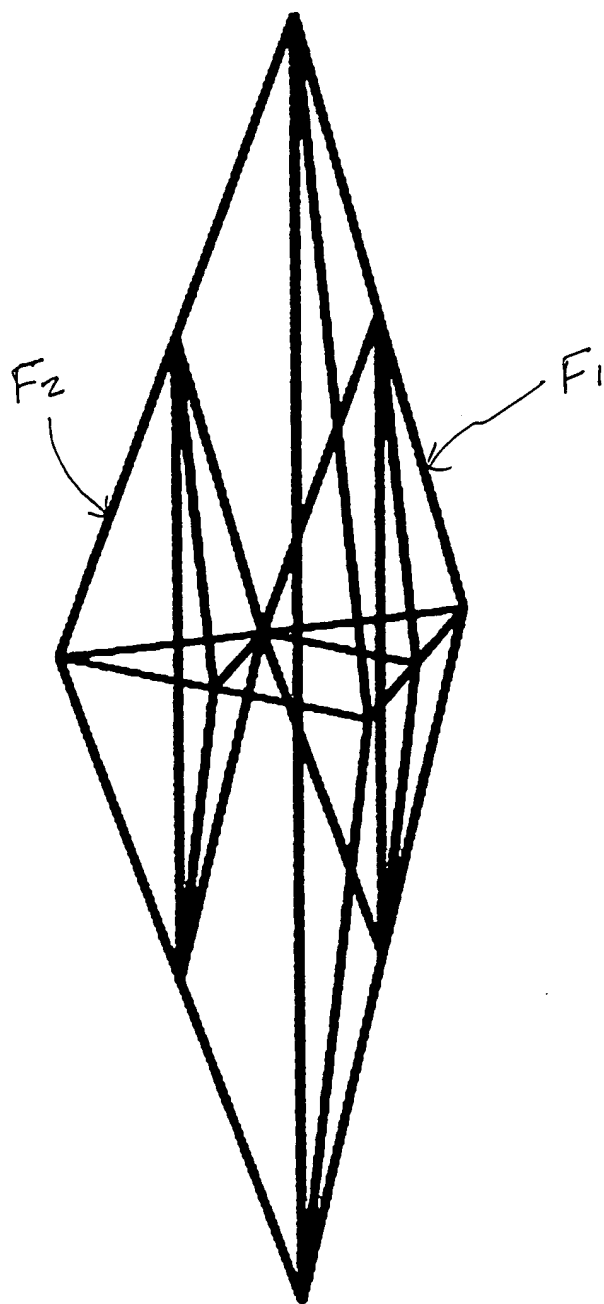


FIG. 13

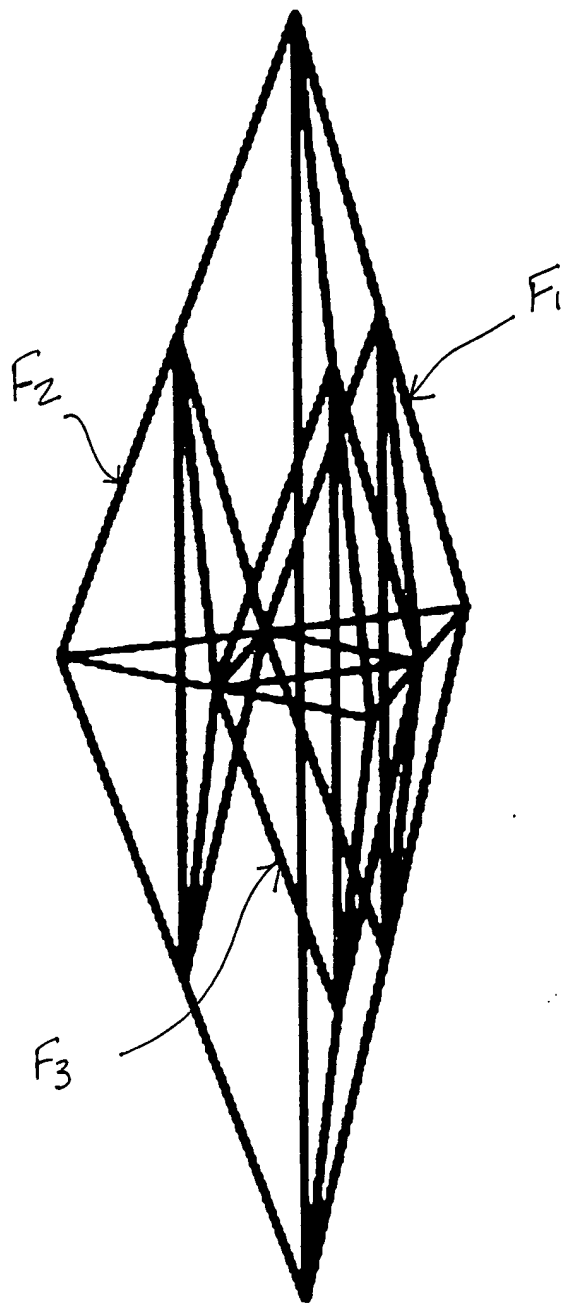
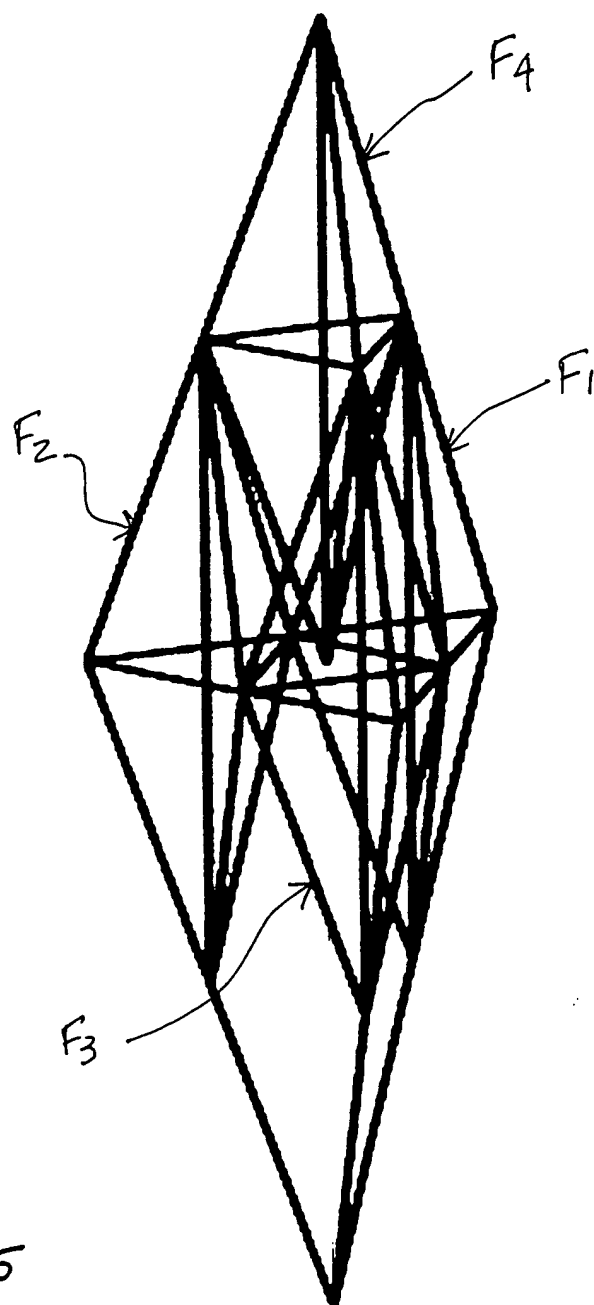


FIG. 14



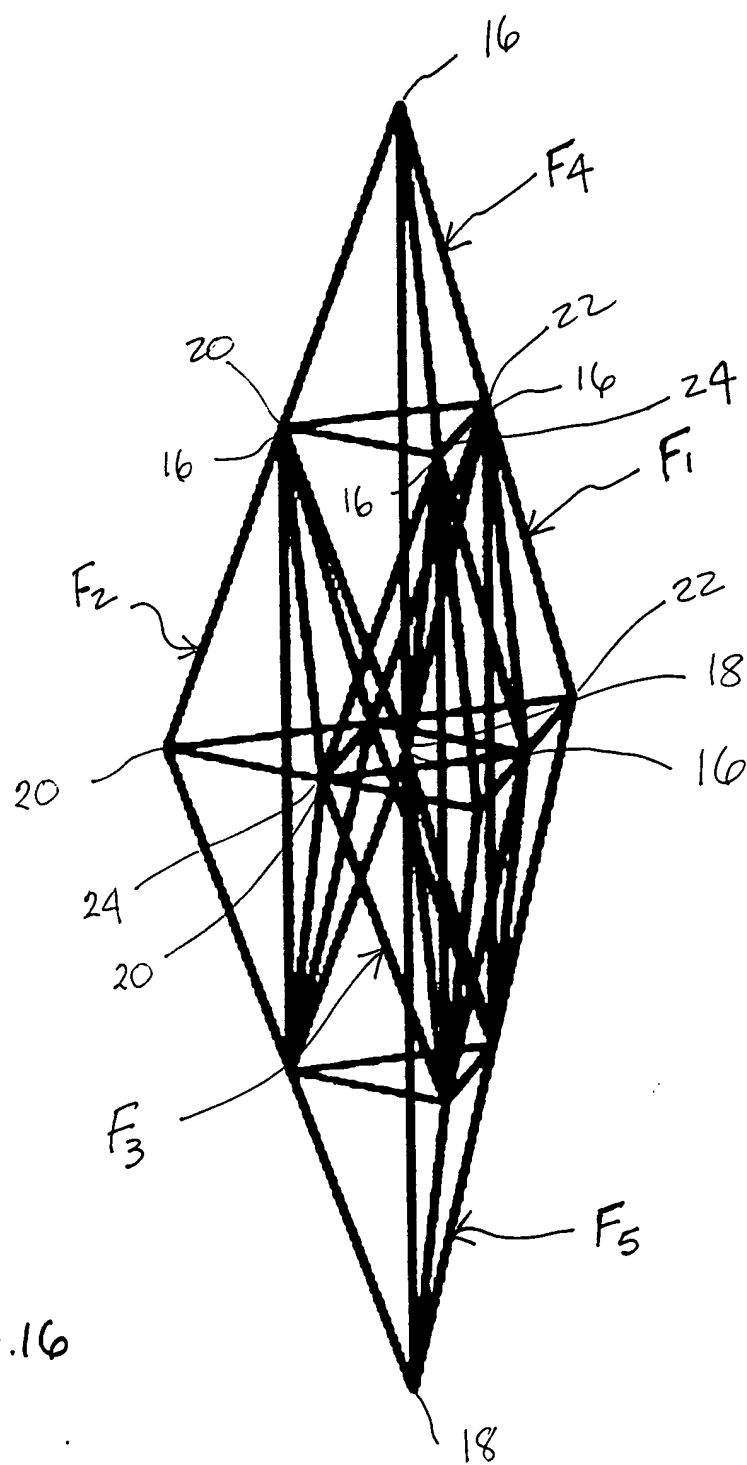


FIG. 16

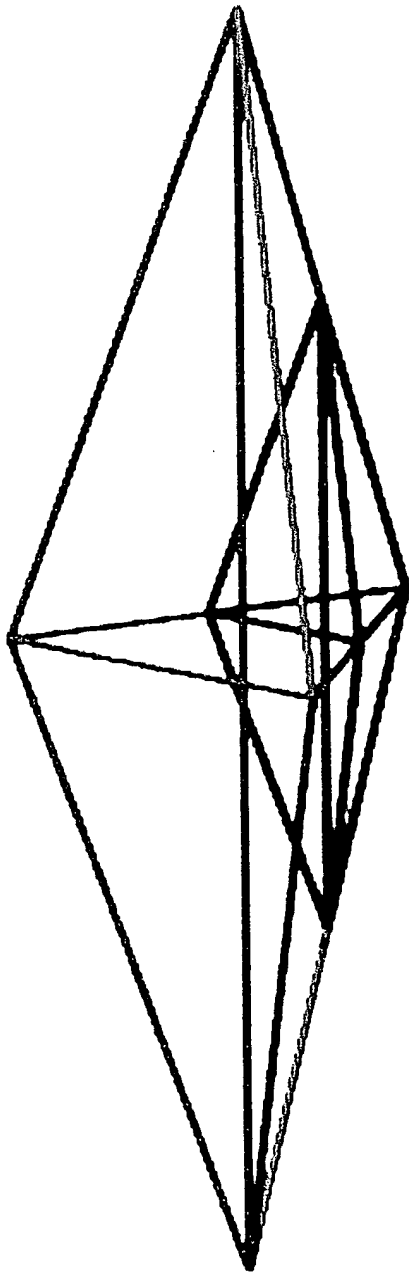


FIG. 17

10022871-123001

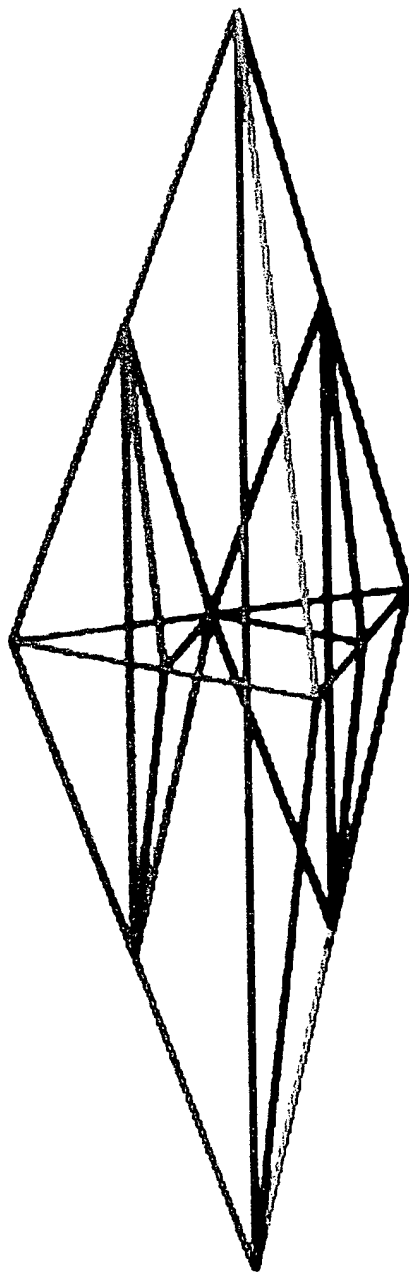


FIG. 18

10022871.122001

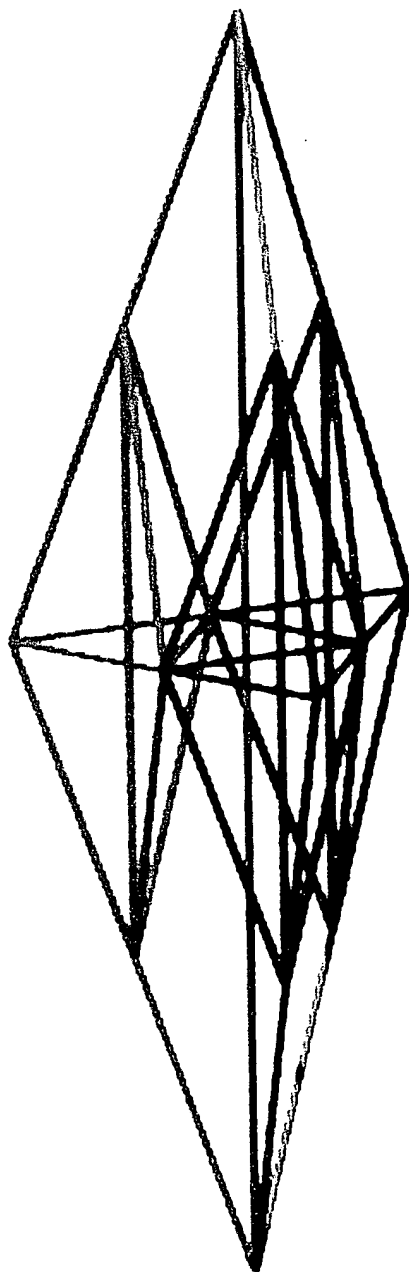


FIG.19

10022871.12001

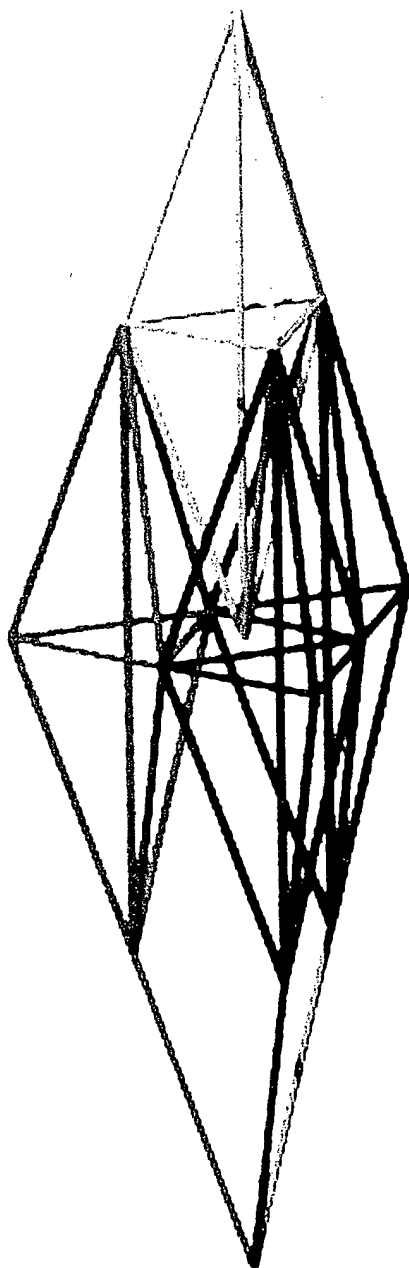


FIG. 20

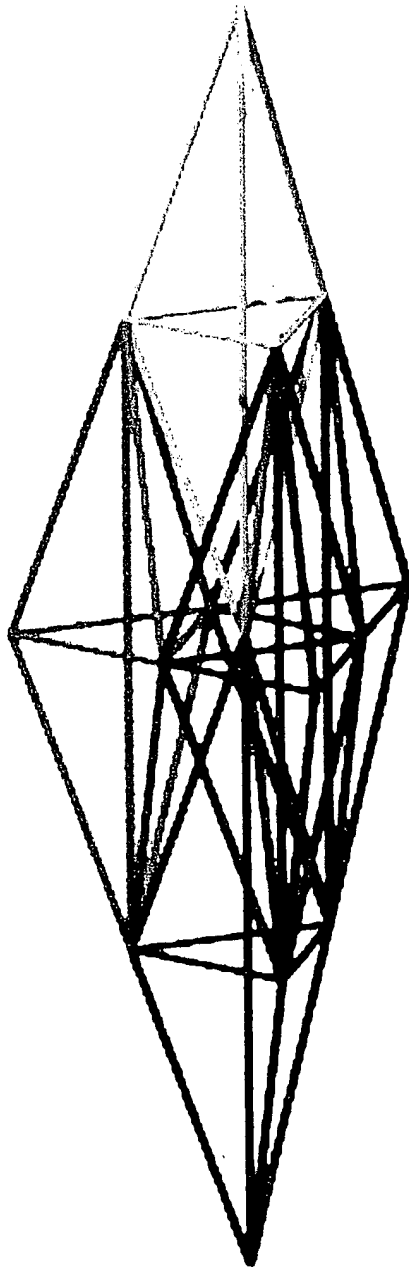


FIG. 21

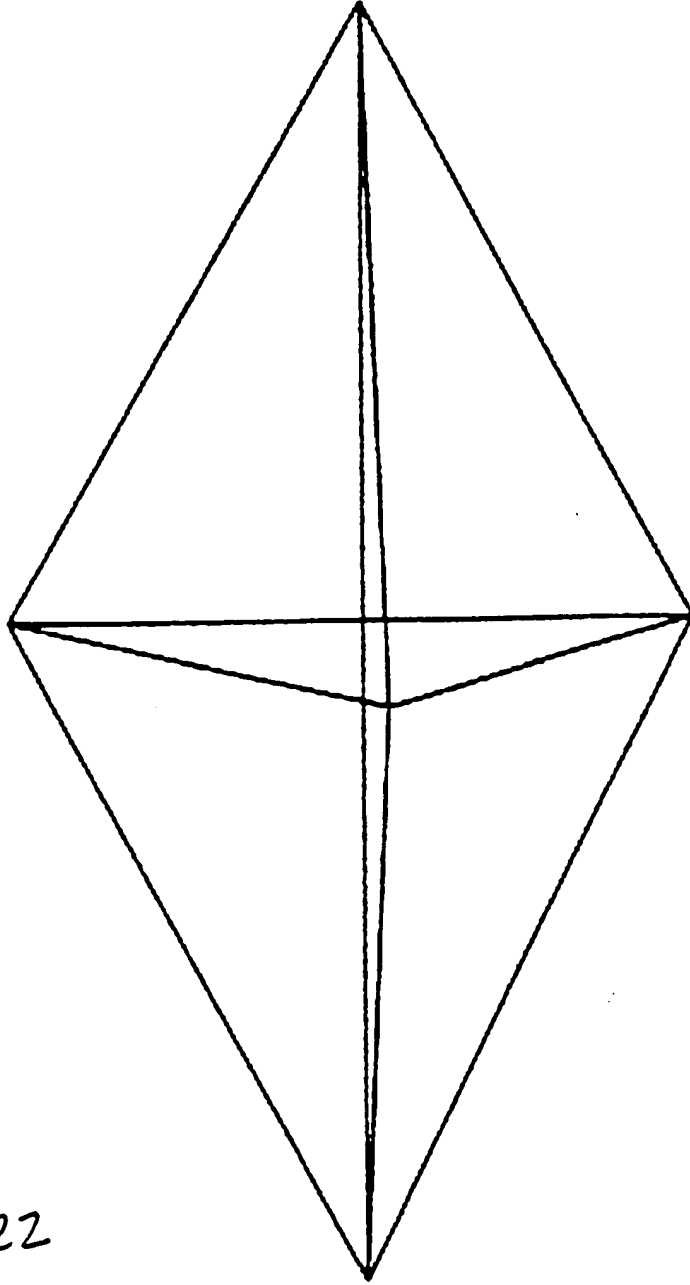


FIG. 22

10022871.122001

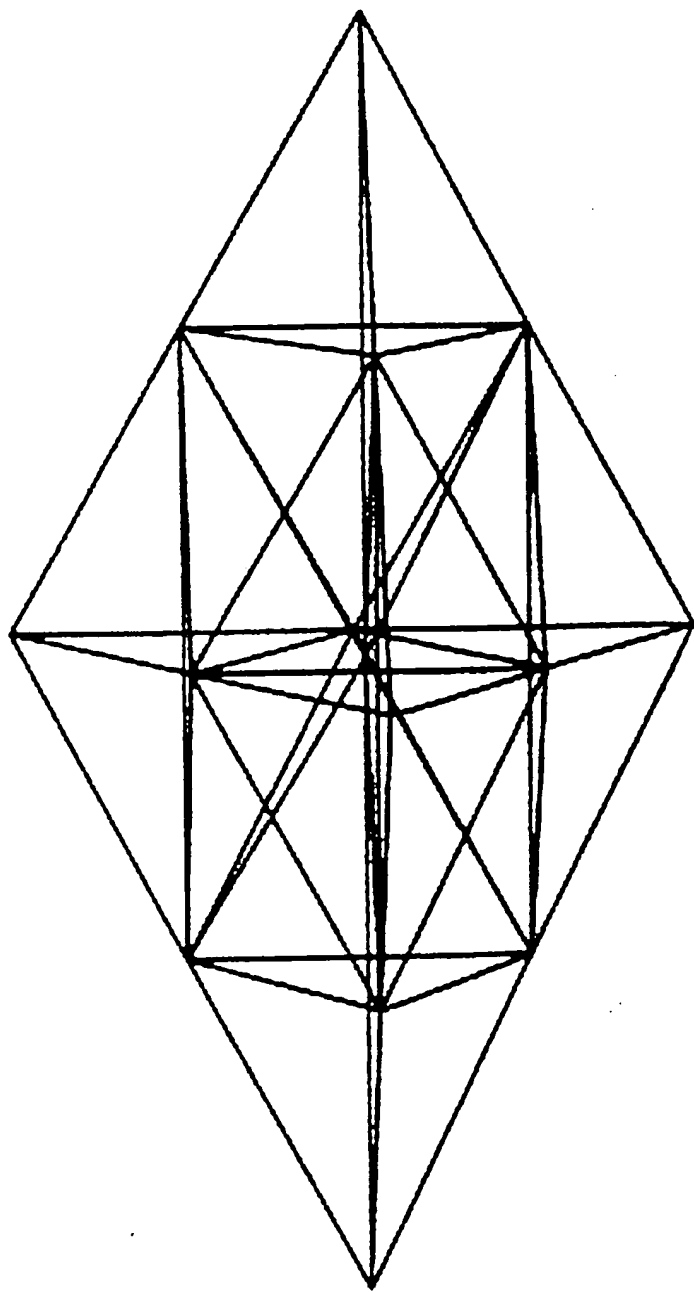


FIG. 23

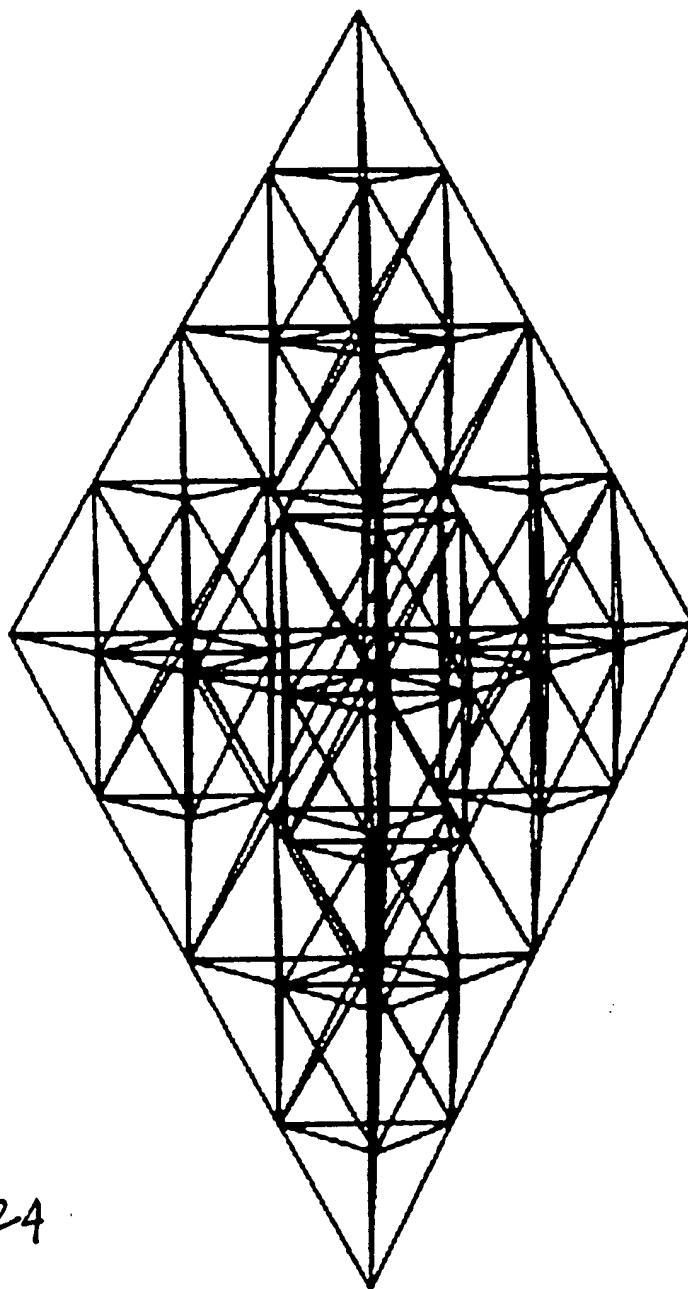


FIG.24

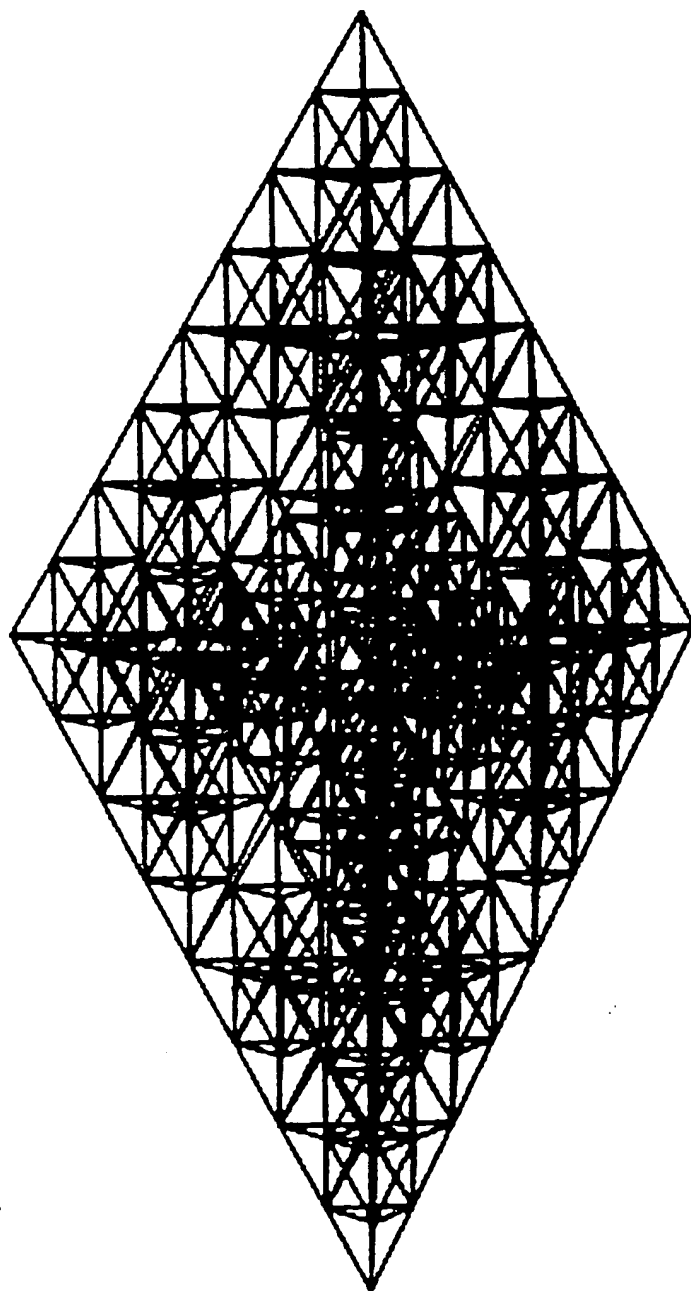


FIG.25

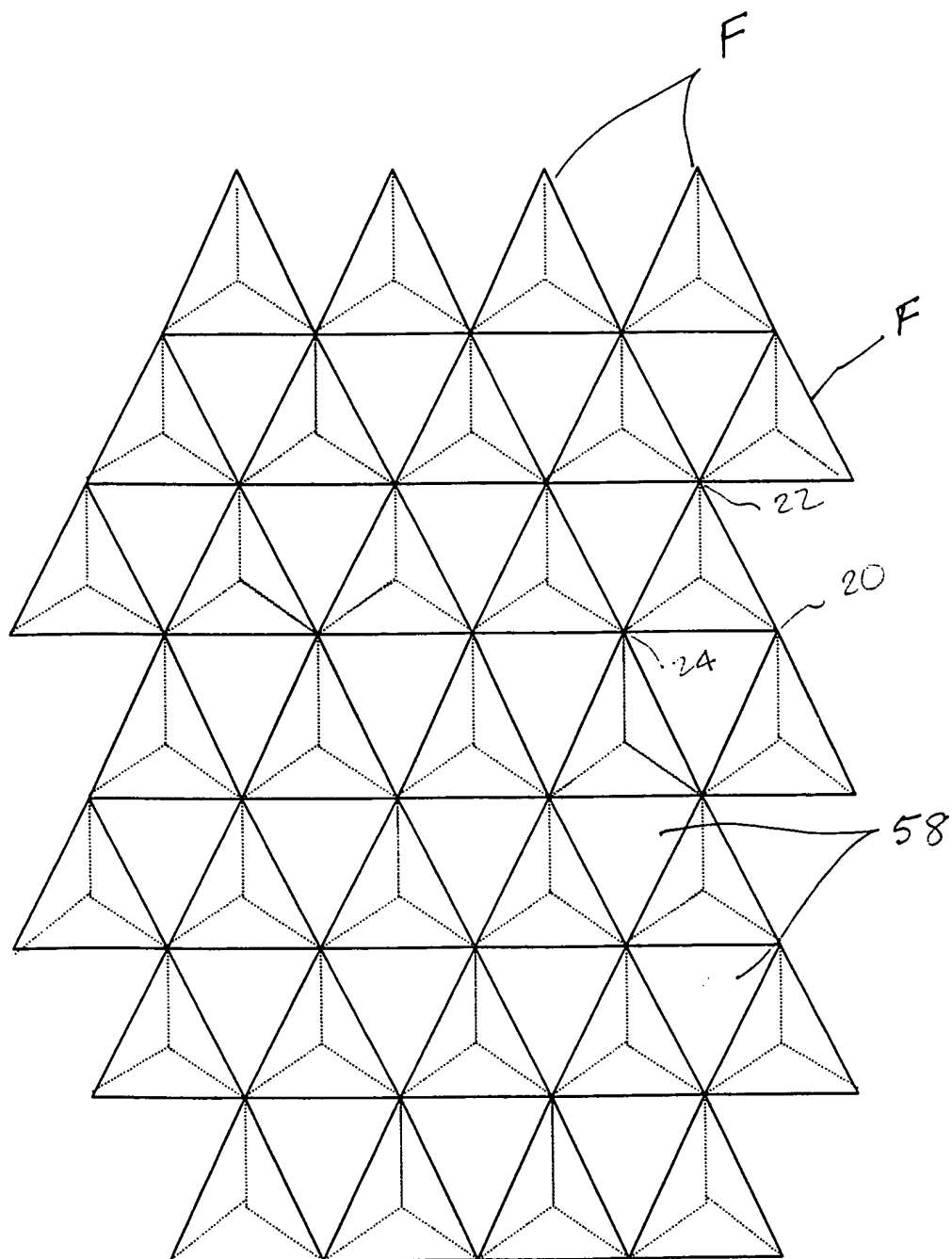


FIG. 26

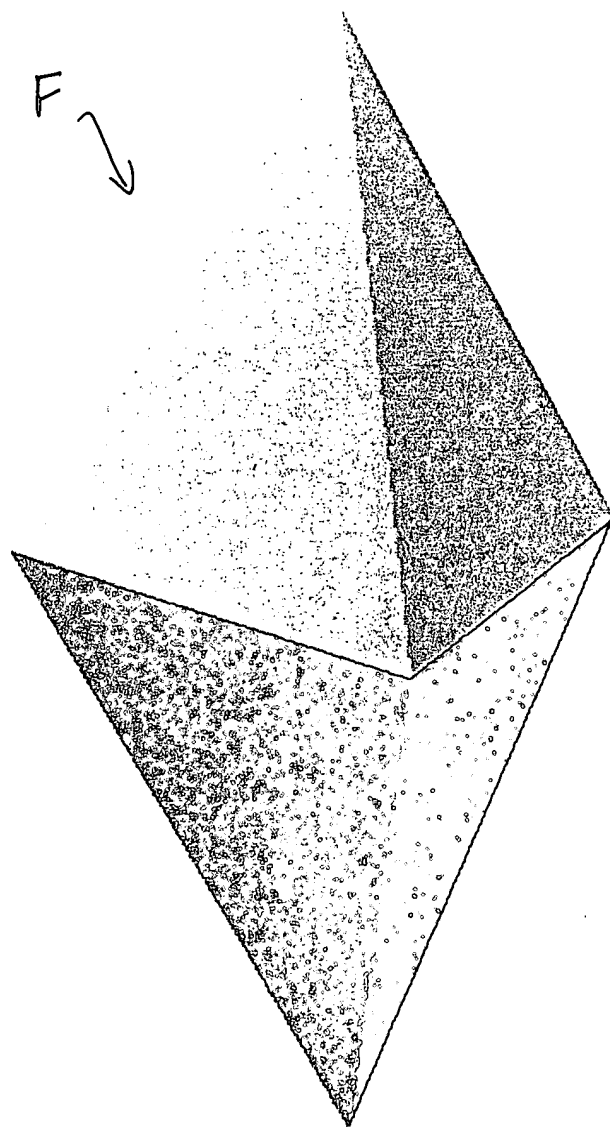


FIG. 27

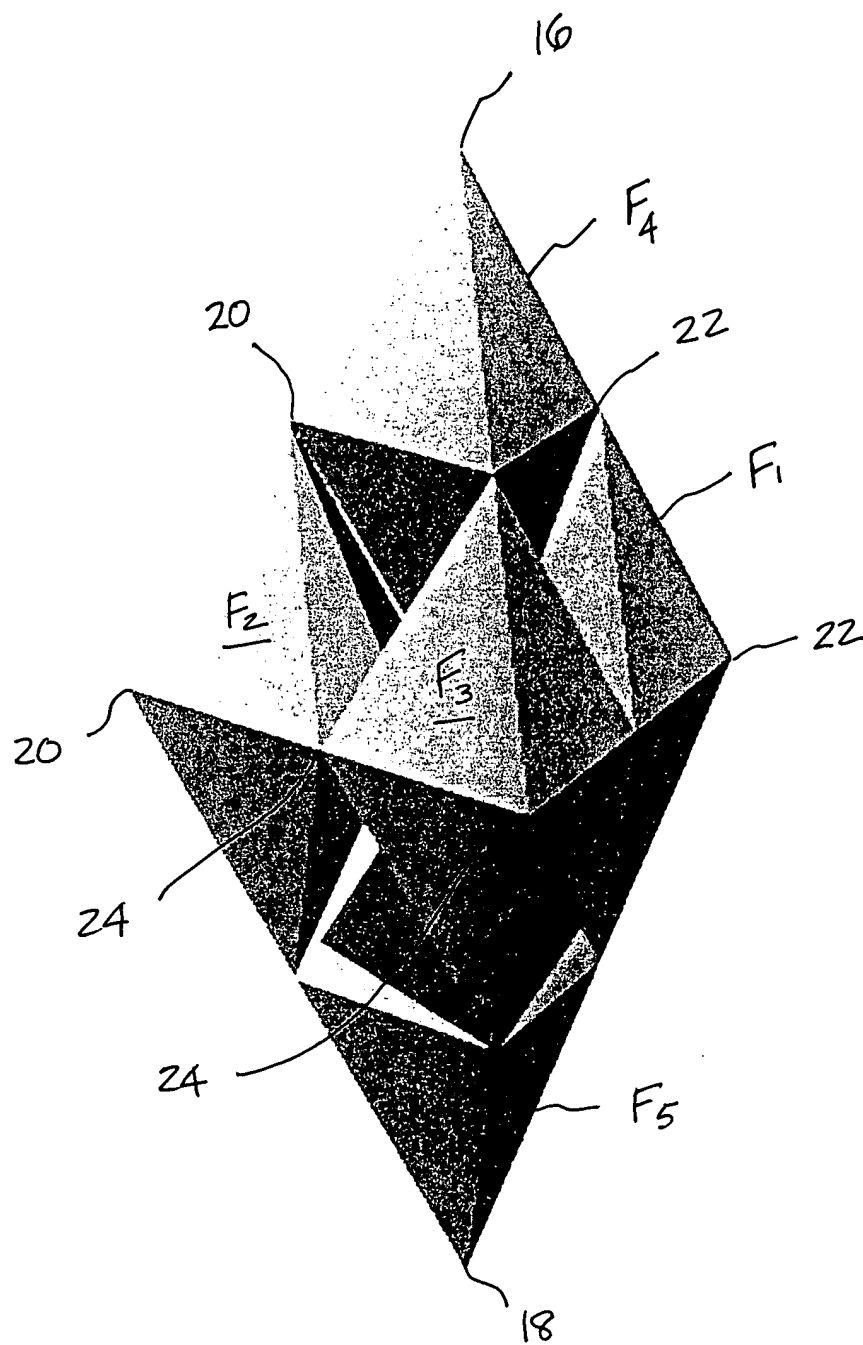


FIG. 28

10022871.120001

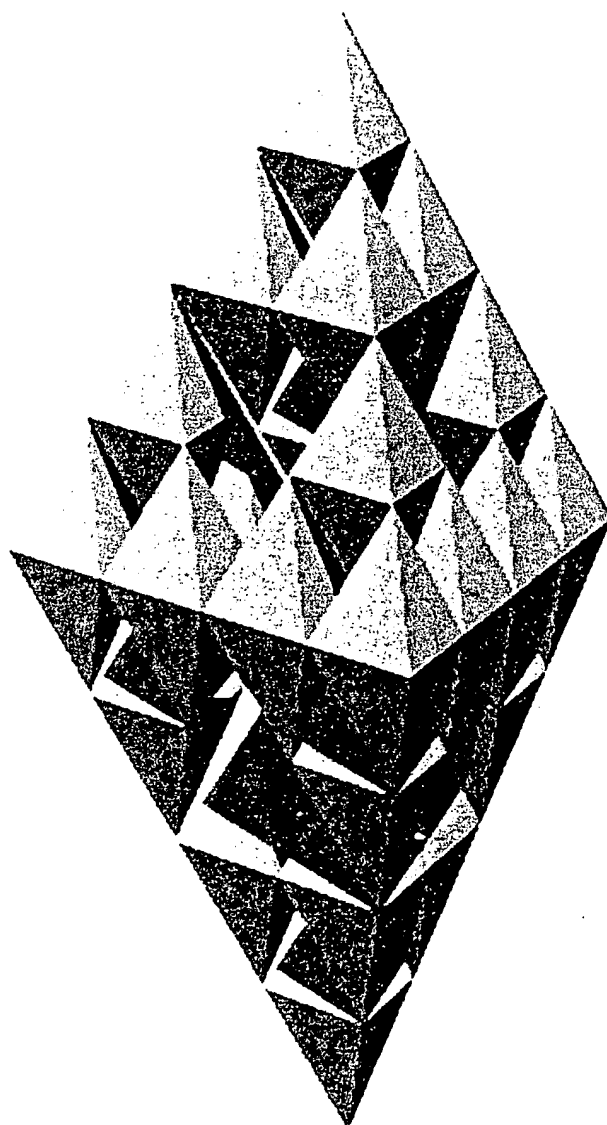


FIG. 29

FIG. 30

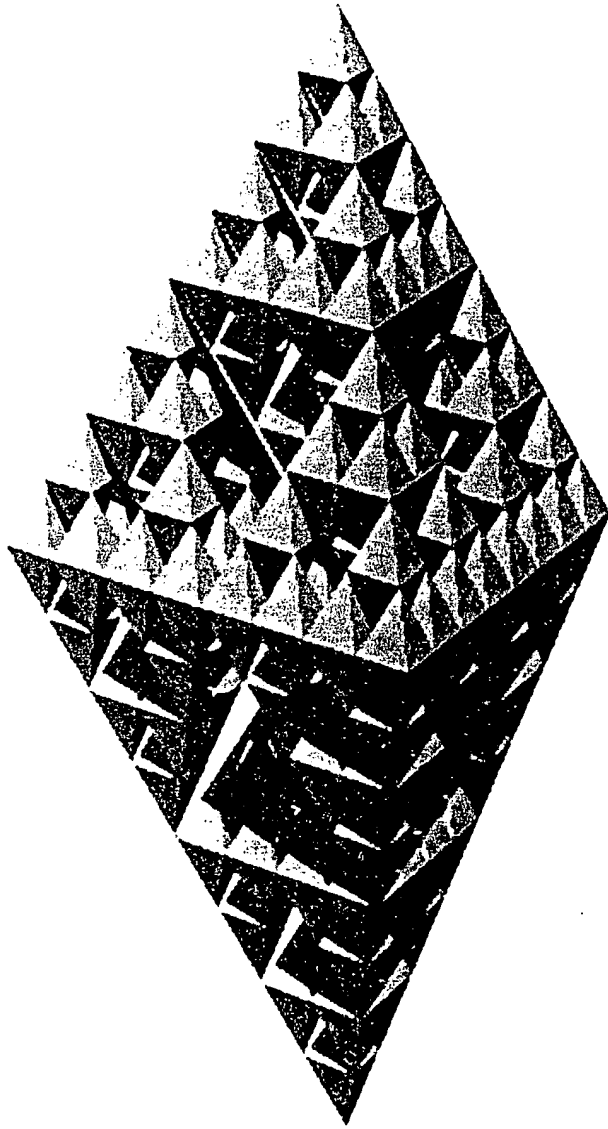


FIG. 30

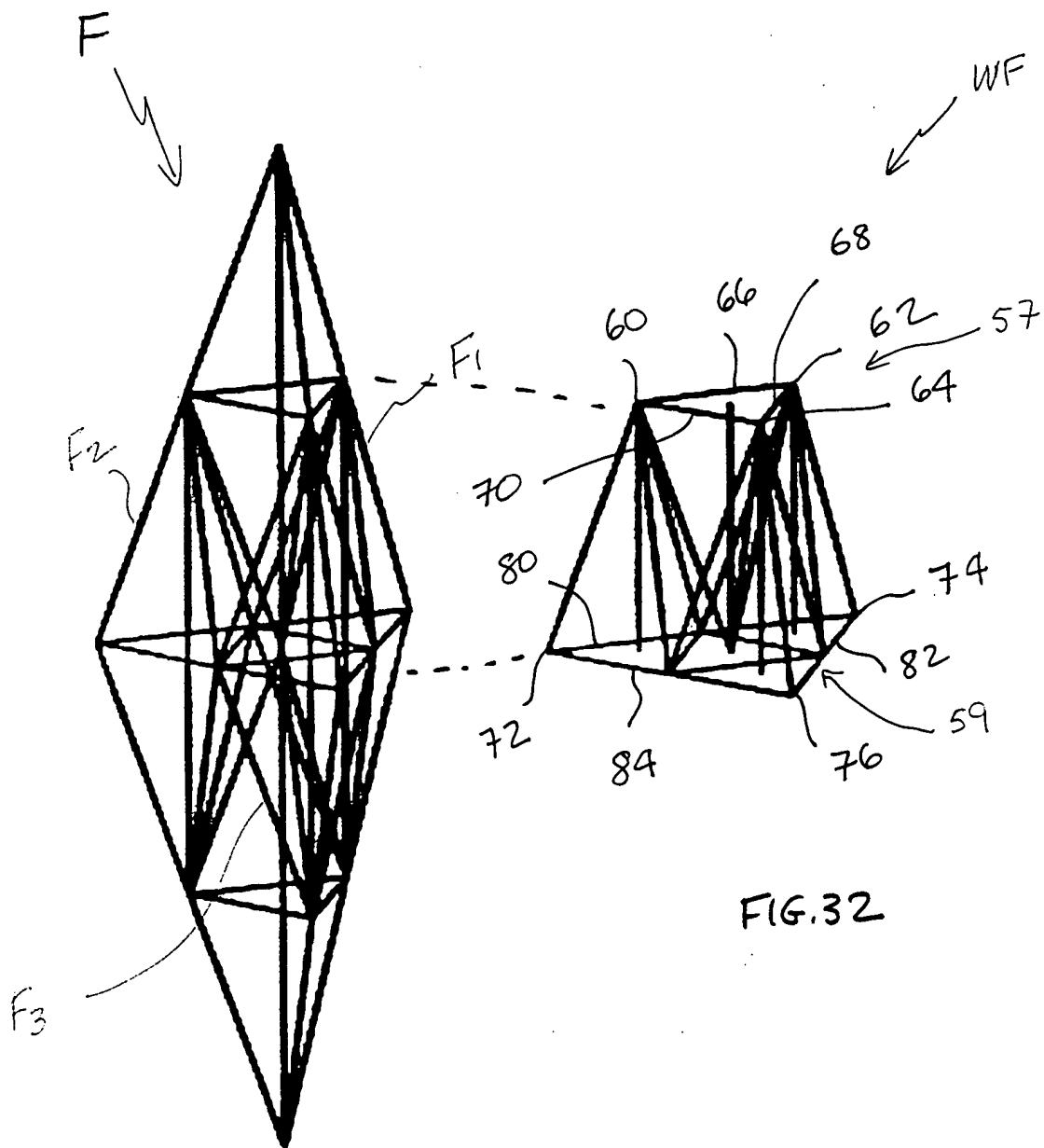


FIG. 31

FIG. 32

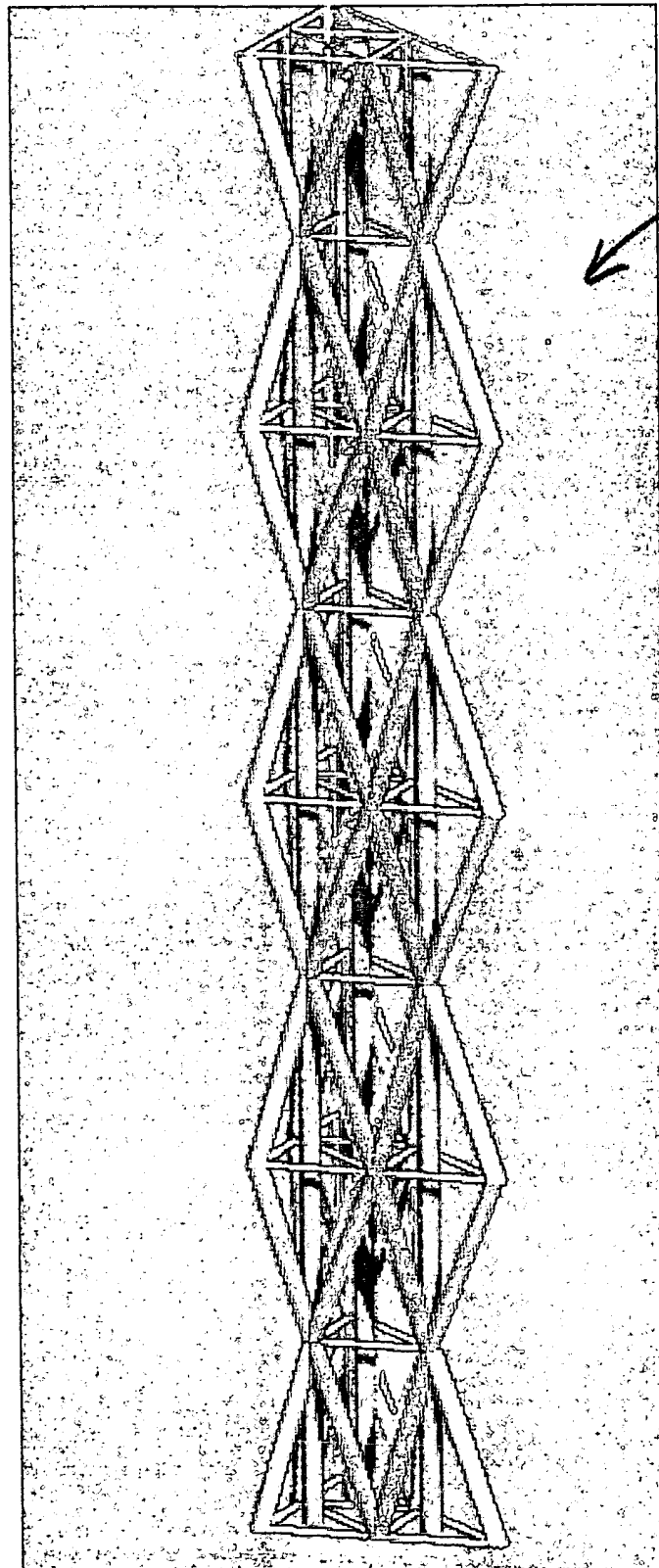


FIG.33

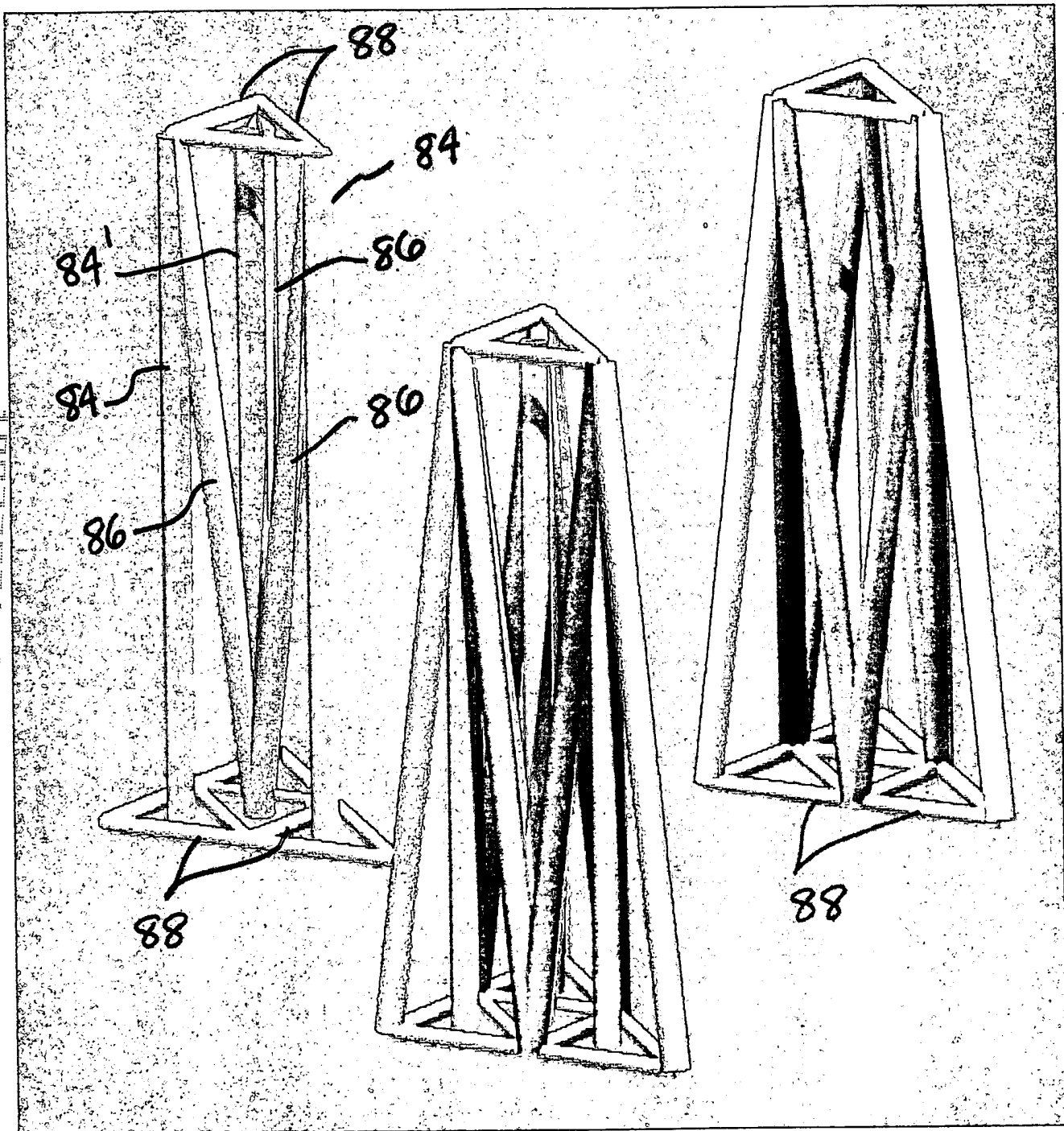


FIG. 35

FIG. 34

FIG. 36

100221-122200T

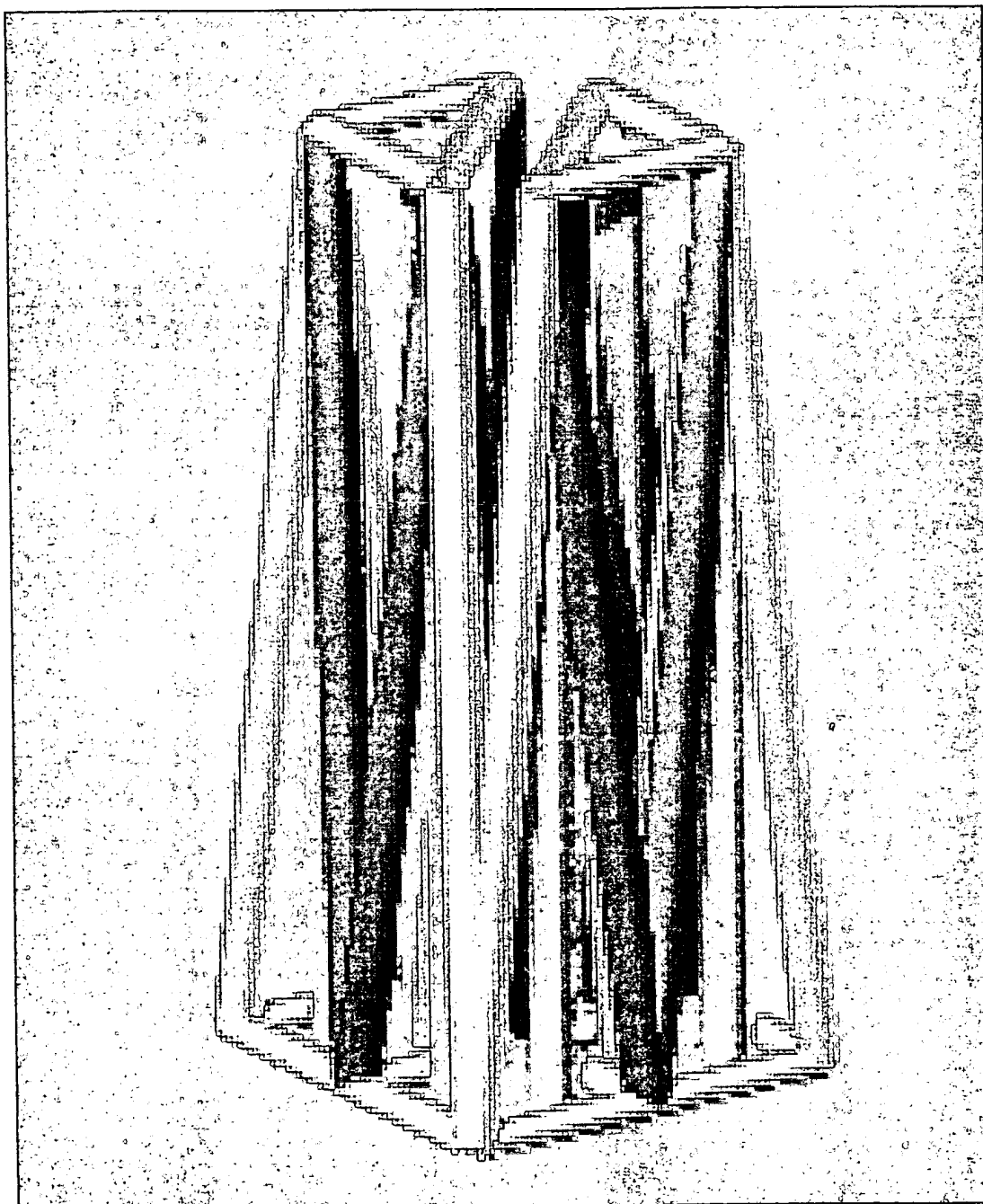


FIG. 37

10022871.12001

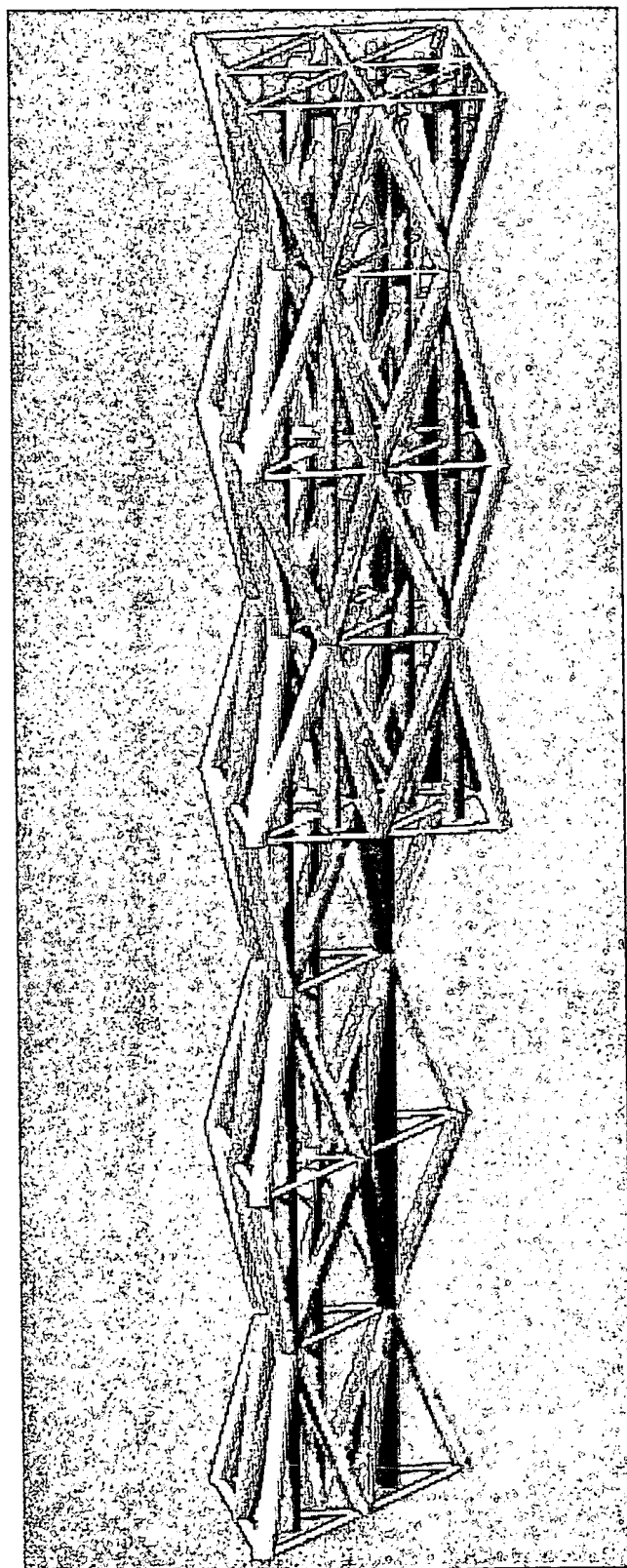


FIG. 38

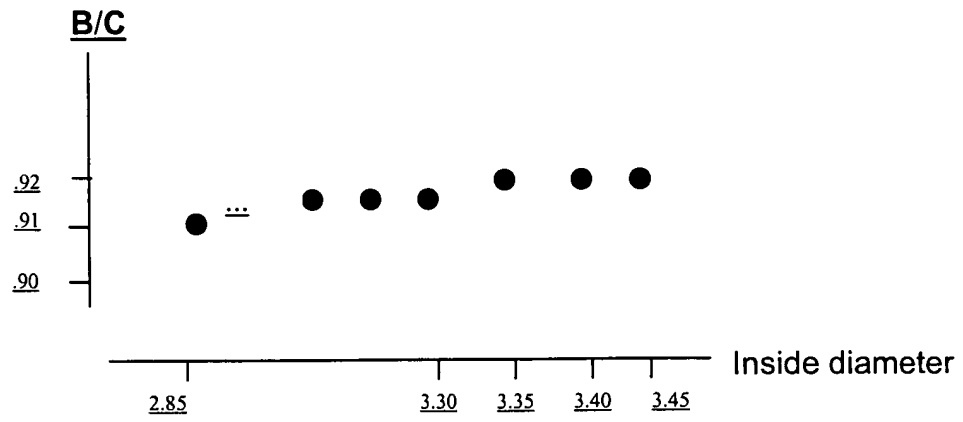


FIG. 39

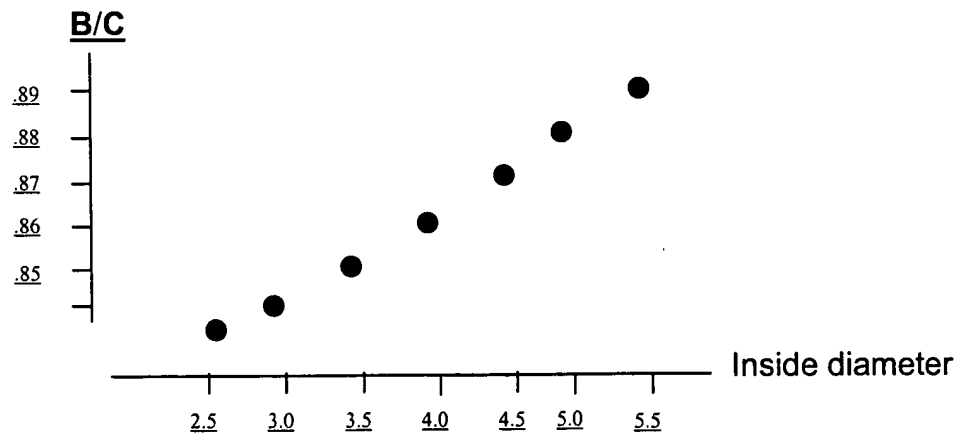
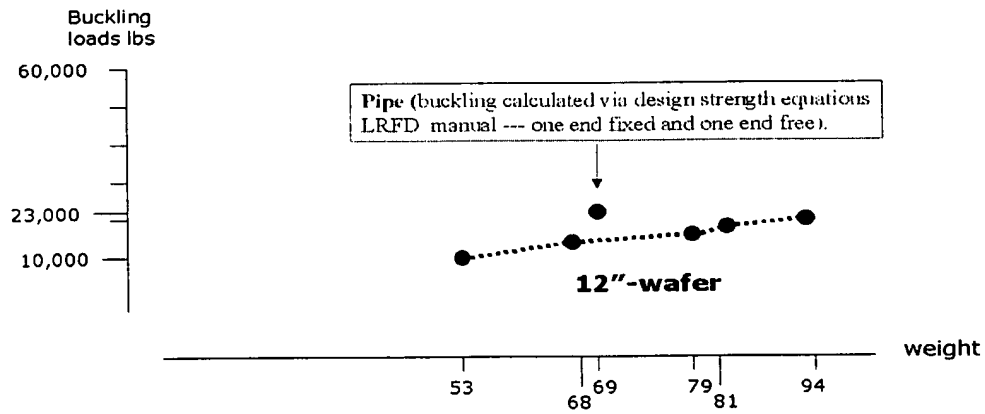


FIG. 40



One A36 steel 3.5" OD 1/4" wall thickness pipe and comparable level-1 12"-wafer 4-web columns

FIG. 41

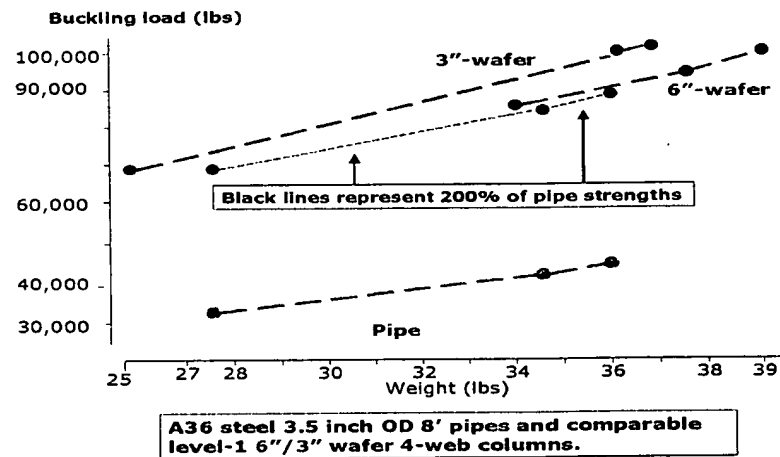


FIG. 42

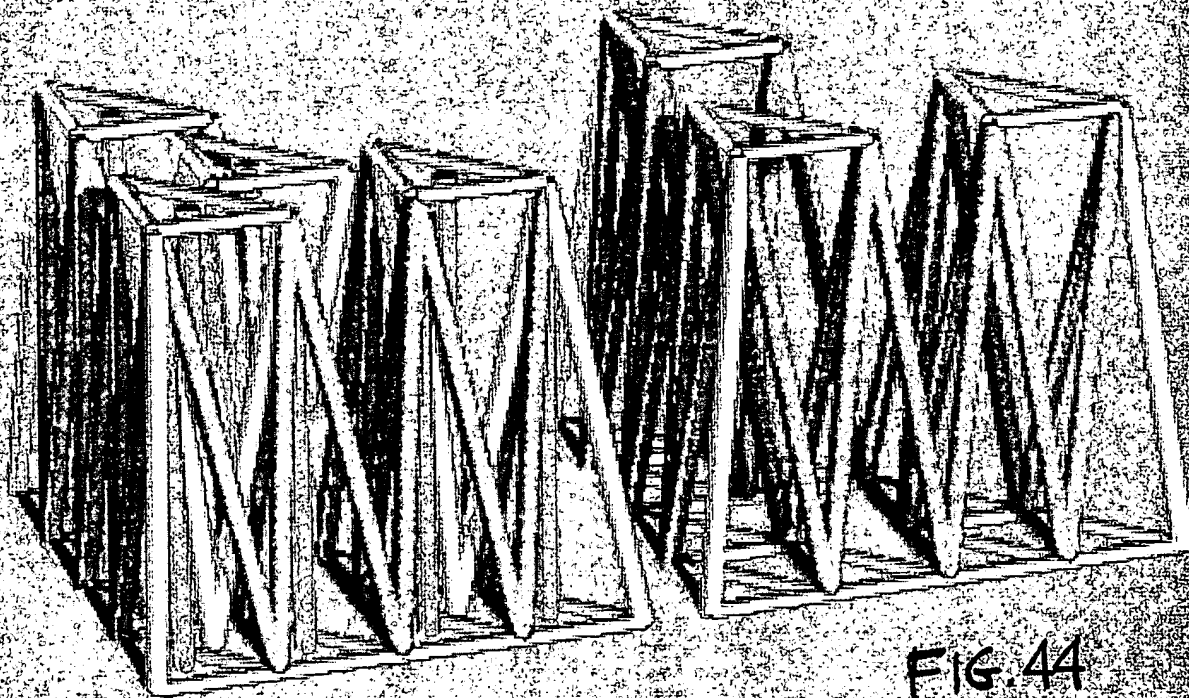


FIG. 43

FIG. 44

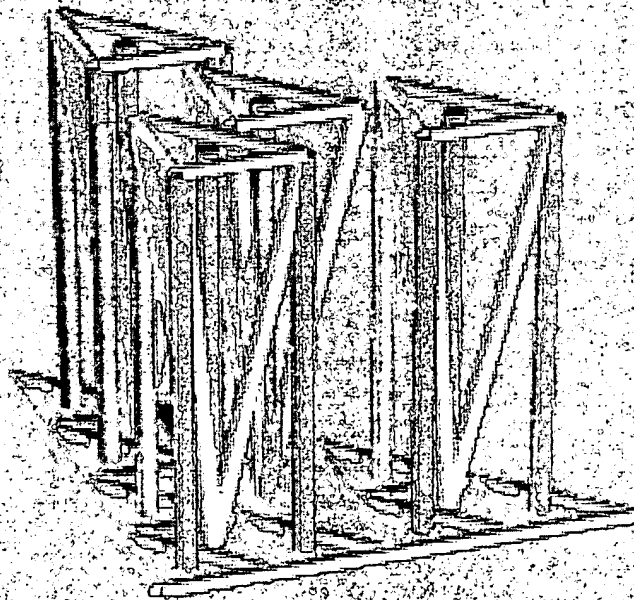


FIG. 45

10022871.122001

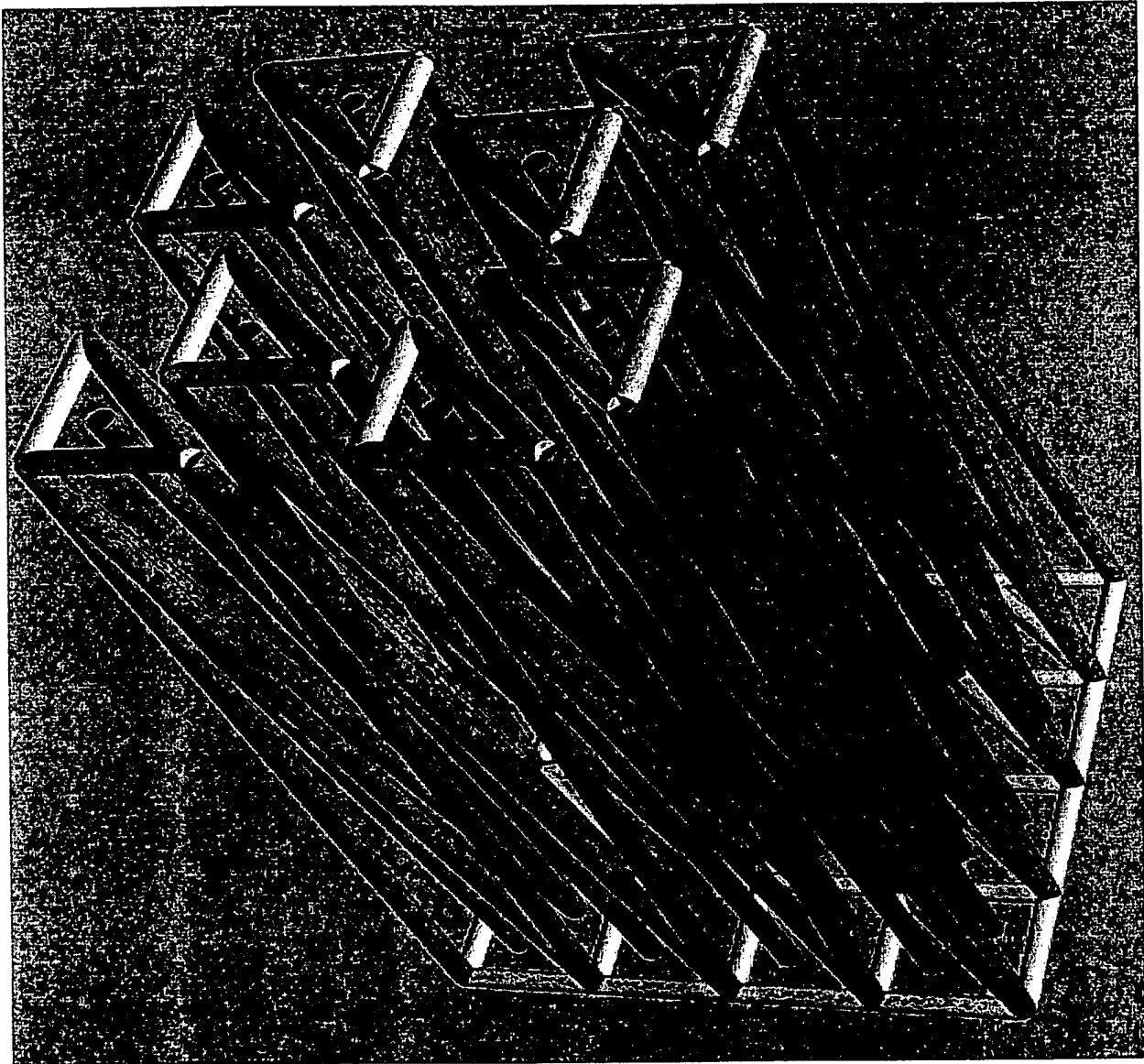


FIG. 46

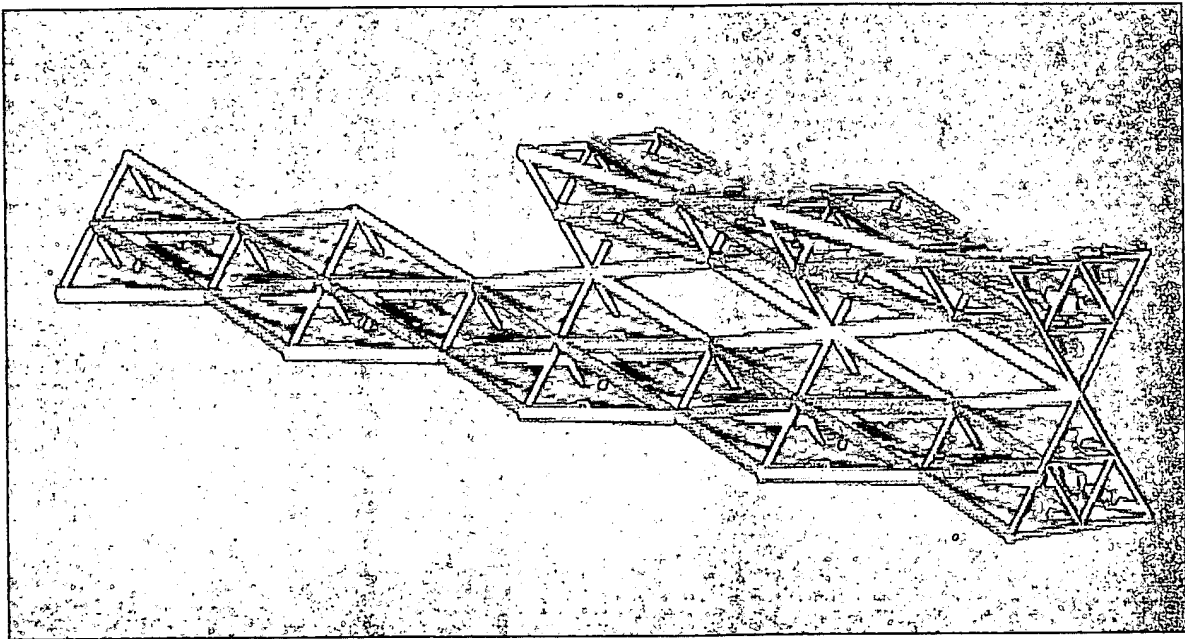


FIGURE 47

FIG. 48

